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(21) International Application Number: PCT/US99/23501 (22) International Filing Date: 13 October 1999 (13.10.99) (30) Priority Data: 60/104,181 14 October 1998 (14.10.98) US (71) Applicant (for all designated States except US): E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): TEASLEY, Mark, F. [US/US]; 118 Eden Road, Landenberg, PA 19350 (US). (74) Agent: LERMAN, Bart, E.; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).		(81) Designated States: AE, AL, AU, BA, BB, BG, BR, CA, CN, CR, CU, CZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: POLYMERIZATION OF OLEFINS (57) Abstract Certain alkylhaloaluminoxanes and other alkylhaloaluminum compounds, when used as cocatalysts for the polymerization of olefins with complexes of transition metals and neutral bidentate ligands give good yields of polyolefin when using less of the alkylhaloaluminoxane than other types of aluminum compounds.		